

PRODUCTION OF HIGH-BULK DENSITY DETERGENT COMPOSITION

Patent Number: JP4348198
Publication date: 1992-12-03
Inventor(s): FUKUTOME SHINICHI; others: 03
Applicant(s):: LION CORP
Requested Patent: JP4348198
Application: JP19910151134 19910527
Priority Number(s):
IPC Classification: C11D11/00 ; C11D1/28 ; C11D3/60 ; C11D17/06
EC Classification:
Equivalents: JP2979727B2

Abstract

PURPOSE: To provide the title high-quality composition containing, as the main active ingredient, an alpha-sulfofatty acid alkyl ester or its water-soluble salt.

CONSTITUTION: A water-base slurry with a pH of <=10 containing (A) an alpha- sulfofatty acid alkyl ester or its water-soluble salt, (B) zeolite, and (C) sodium sulfate at the weight ratios A/B=(1:0.5)-(1:5) and A/C=(1:0.3)-(1:3) with the ingredients A, B and C accounting for >=70wt.% of the total solid content, is put to spray drying. The resulting dry powder is kneaded under pressurized densification in a kneader together with an alkali builder and a binder component, and the resulting densified form is ground and granulated, thus obtaining the objective composition.

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